

CLAIMS:

1. A communication system (500) comprising a plurality of devices (101-106) interconnected via a bus, the bus being capable of handling isochronous and asynchronous transmissions, characterized in that the communication system (500) comprises a status manager (105) having status channel creation means (501) for creating on the bus an
5 isochronous status channel and having status transmitting means (502) for transmitting status information on the isochronous status channel.

2. A communication system (500) as claimed in claim 1, characterized by the status manager (105) further having status reception means (503) for receiving status
10 information from a device (103, 106) from said plurality asynchronously, coupled to the status transmitting means (502) for transmitting the received status information on the isochronous status channel.

3. A communication system (500) as claimed in claim 2, characterized in that the status manager (105) is further arranged to send to the device (103, 106) an identifier for the
15 isochronous status channel in response to receiving the status information.

4. A communication system (500) as claimed in claim 1, characterized by a device (102, 103, 104, 106) from said plurality having status reading means (511-514) for
20 reading the transmitted status information from the isochronous status channel.

5. A communication system (500) as claimed in claim 1, characterized by a device (103, 106) from said plurality having status sending means (515, 516) for sending status information to the status manager (105) asynchronously.
25

6. A communication system (500) as claimed in claim 1, characterized in that the status information comprises information on the network topology of the communication system (500).

00033846 03240 401230 9132660

7. A communication system (500) as claimed in claim 1, characterized in that the status information comprises information on capabilities of a device (101-106) in the communication system (500).

5 8. A communication system (500) as claimed in claim 1, characterized in that the status information comprises information on available bandwidth on the bus.

9. A communication system (500) as claimed in claim 1, characterized in that the status information comprises information on a strength of a level of attachment between a
10 mobile device (520) and a base station device (106) in the communication system (500).

10. A device (105) for use as status manager in the communication system (500) of claim 1, characterized by status channel creation means (501) for creating on the bus an isochronous status channel and status transmitting means (502) for transmitting status
15 information on the isochronous status channel.

11. A device (102, 103, 104, 106) for use in the communication system (500) of claim 1, characterized by status reading means (511-514) for reading the transmitted status information from the isochronous status channel.

TO BE SHIPPED